

Converting Colors

XYZ(64.4583, 57.3962, 58.8592)

Have a look what the booklet for
XYZ(64.4583, 57.3962, 58.8592)
contains.

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Color

**XYZ(64.5343, 57.5885,
58.7533)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B8C2
RGB	245, 184, 194
RGB Percent	96%, 72%, 76%
CMY	0.0392, 0.2784, 0.2392
CMYK	0.00, 0.25, 0.21, 0.04
HSL	350°, 75%, 84%
HSV	350°, 25%, 96%
XYZ	64.5343, 57.5885, 58.7533
YIQ	203.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

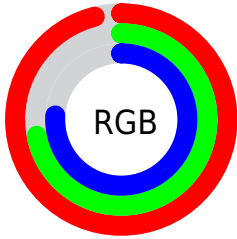
Format	Color
R _Y B	245, 184, 194
Decimal	16103618
CIE Lab	80.51, 23.47, 3.57
CIE LCh	81, 23.742, 8.650
Yxy	57.5885, 0.3568, 0.3184
Android (android.graphics.Color)	4294293698 (0xFFFF5B8C2)
YUV	203.3790, -4.6238, 36.5016
Hunter-Lab	75.8871, 18.9938, 7.2175

Details

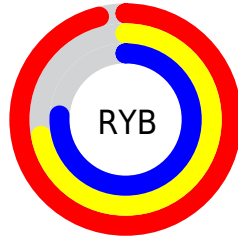
The XYZ color **64.5343, 57.5885, 58.7533** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4174, 81.4948, 90.7781**, and the grayscale version is **57.0179, 59.9872, 65.3261**.

A 20% lighter version of the original color is **89.6554, 90.4823, 103.1820**, and **33.5890, 28.8174, 28.6029** is the 20% darker color. If you saturate the color by 10%, you get **57.7346, 47.4204, 45.9076**, and if you desaturate by 10%, it is **72.5357, 69.6514, 73.5656**.

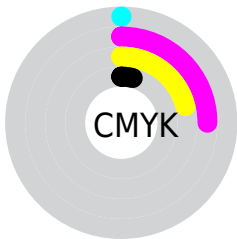
Distribution



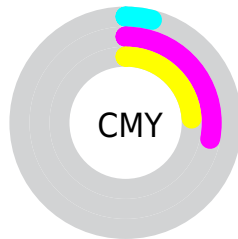
- Red (96%)
- Green (72%)
- Blue (76%)



- Red (96%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5343, 57.5885, 58.7533 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 64.5343, 57.5885, 58.7533 by changing the saturation by 10% instead.


 64.5343, 57.5885,
58.7533

 64.5343, 57.5885,
58.7533


430.6883,
415.6508, 437.6635

 47.3469, 41.4779,
41.9959


 110.4495,
101.3234, 104.5446

 33.5190, 28.6927,
28.7725

139.9080,
129.7165, 134.4156

 22.6855, 18.8485,
18.6647


174.1875,
162.9725, 169.4948

 14.4809, 11.5608,
11.2539

213.6534,
201.4759, 210.2008

 8.5398, 6.4454,
6.1216

258.6711,
245.6110, 256.9521

 4.4969, 3.1178,
2.8492

309.6059,

 1.9869, 1.1935,

295.7623, 310.1673

1.0181

366.8232,
352.3141, 370.2649

■ 0.6266, 0.0564,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.5343, 57.5885,
58.7533

■ 64.5343, 57.5885,
58.7533

■ 57.7346, 47.4204,
45.9076

■ 72.5357, 69.6514,
73.5656

■ 52.0735, 39.0431,
34.9419

■ 81.7884, 83.6904,
90.4190

■ 47.4894, 32.3548,
25.7682

■ 91.4664, 98.1526,
108.7323

■ 43.9127, 27.2403,
18.2903

■ 41.2655, 23.5696,
12.4026

■ 39.4584, 21.1922,
7.9872

■ 38.3830, 19.9235,
4.9091

■ 38.0420, 19.5668,
3.7925

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.9373, 57.5885, 72.9924



64.5343, 57.5885, 58.7533



62.3866, 57.5885, 47.3898

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.5343, 57.5885, 58.7533



49.0889, 57.5885, 43.9910



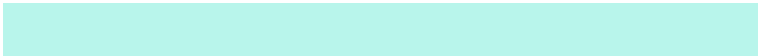
51.3945, 57.5885, 91.1725

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.5343, 57.5885, 58.7533



67.4174, 81.4948, 90.7781

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.7381, 57.5885, 81.0062



64.5343, 57.5885, 58.7533



46.4630, 57.5885, 53.4310

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.5343, 57.5885, 58.7533



53.3387, 57.5885, 39.7356



45.9836, 57.5885, 66.8281



56.1578, 57.5885, 93.1591

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.5343, 57.5885, 58.7533



59.7584, 57.5885, 42.4615



45.9836, 57.5885, 66.8281



50.0035, 57.5885, 88.5331

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.5359, 57.5912, 58.7545



87.3070, 88.2110, 94.9214



67.8297, 58.5101, 94.1053



18.5514, 18.6743, 20.0705



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.5359, 57.5912, 58.7545



66.6680, 57.0633, 56.8116



67.9820, 66.2199, 54.5494



16.6099, 16.5268, 17.6922



20.5270, 10.5542, 2.2176



1.8356, 0.9402, 0.3607

Inverse Universe

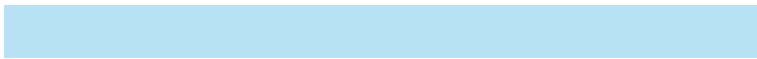
The Inverse Universe completely reimagines the original color for something new.



64.5359, 57.5912, 58.7545



66.6680, 57.0633, 56.8116



63.0860, 70.4554, 96.6610



16.6099, 16.5268, 17.6922



20.5270, 10.5542, 2.2176



1.8356, 0.9402, 0.3607

Previews

White Background



This preview shows how the XYZ color 64.5343, 57.5885, 58.7533 looks on a white background.

Color Contrast Check

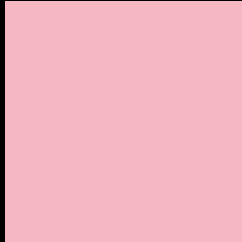
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 64.5343, 57.5885, 58.7533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5343, 57.5885, 58.7533

Background



This preview shows how black text looks on a background with the XYZ color 64.5343, 57.5885, 58.7533.



This preview shows how white text looks on a background with the XYZ color 64.5343, 57.5885,

58.7533.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.5343, 57.5885, 58.7533

Protanopia

55.8315, 57.8552, 64.7244

Deuteranopia

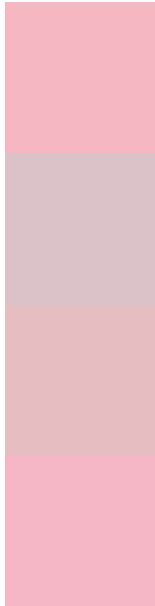
58.7086, 57.4753, 57.8687



Tritanopia

64.7827, 57.3567, 61.0826

Trichromacy



Original Color

64.5343, 57.5885, 58.7533

Protanomaly

58.6306, 57.6591, 62.6827

Deuteranomaly

60.6722, 57.5002, 58.3529

Tritanomaly

64.6677, 57.3107, 60.4770

Monochromacy



Original Color

64.5343, 57.5885, 58.7533

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0787, 58.5554, 62.8321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5343, 57.5885, 58.7533 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(245, 184, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 184, 194) }
```

Border

The CSS property to change the border of an element to XYZ 64.5343, 57.5885, 58.7533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 184, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 184, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 184,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5343, 57.5885, 58.7533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 184, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
184, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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